14-Bit, 155 MSPS Analog to Digital Converter

(ACTIVE) ADC14155LCVAL

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Description

The ADC14155 Evaluation Board populated with a ceramic sample is designed to support the ADC14155 14-bit 155

Mega Sample Per Second (MSPS) ADC. The ADC14155 Evaluation Board comes in two versions:

1. ADC14155HCVAL (high frequency version) for input frequencies greater than 150 MHz.
2. ADC14155LCVAL (low frequency version) for input frequencies less than 150 MHz.

The digital data from the ADC14155 can be captured with a suitable instrument, such as a logic analyzer, connected through the FutureBus connector (schematic reference designator FB) on the ADC14155XCVAL (where X = H or L) or with Texas Instrument's WaveVision 4 Digital Interface Board and associated WaveVision software 4 package, which allows fast and easy data acquisition and analysis. The WaveVision hardware connects to a host PC via a USB cable and is fully configured and controlled by the latest WaveVision software. The WaveVision 4 software and WaveVision 4 evaluation hardware are available through Texas Instrument's website.

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Part Number	Buy from Texas Instruments or Third Party	Status	Lead-Free	RoHS
ADC14155LCVAL: 14-Bit, 155 MSPS Analog to Digital Converter	$2499.00(USD) Request	ACTIVE	No	No

TI's Standard Terms and Conditions for Evaluation Modules apply.

Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
ADC14155: 14-Bit, 155 MSPS Analog to Digital Converter User Guide		PDF	1182	21 Feb 2012	70

Related Products

Software (2)

Name	Part Number	Software Type
Data Acquisition and Analysis Software	WAVEVISION4	Application Software & Frameworks
Data Acquisition and Analysis Software	WAVEVISION5	Application Software & Frameworks

Design Kits & Evaluation Modules (1)

Name	Part Number	Tool Type
WaveVision 5 Data Capture Board Version 5.1	WAVEVSN-BRD-5.1	Evaluation Modules & Boards

TI Devices (1)

Part Number	Name	Product Family
ADC14155QML-SP	14-Bit, 155 MSPS, 1.1 GHz Bandwidth A/D Converter	Analog to Digital Converter

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